

**REMARKS**

Applicants hereby offer preliminary amendments to the present application to place the application in better form for allowance.

Applicants have canceled Claims 1-10 in favor of replacement Claims 11-20 to correct certain informalities and to clarify the intended meaning of the claims without materially altering their scope. Applicants respectfully submit that the claims are fully supported in the specification.

Applicants have amended the specification to capitalize all letters in the title and to insert a statement of priority. Applicants submit that these amendments serve only to clarify their application and do not alter the scope of their disclosure.

Applicants have amended the Abstract to change the title for the reasons discussed above and to change the heading to a more customary form. A copy of the new Abstract is separately attached.

In view of the preceding amendments and remarks, allowance of the claims is respectfully requested.

Respectfully submitted,

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METHOD FOR PRODUCING HETEROCYCLIC  
FLUOROALKENYL SULFONES

ABSTRACT OF THE DISCLOSURE

The present invention relates to a process for preparing heterocyclic fluoroalkenyl sulfones and fluoroalkenyl sulfoxides by allowing the corresponding fluoroalkenyl thioethers to react with a salt of peroxomonosulfuric acid ( $\text{H}_2\text{SO}_5$ ), optionally in the presence of a reaction assistant and optionally in the presence of a diluent.